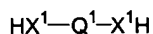


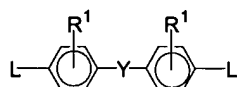
# ABSTRACT

A process comprising: a) reacting a diphenol monomer A with a monomer B having two locations for reaction with A to form arylene ether monomer C and b) reacting arylene ether monomer C with a diphenol monomer D to form a polymer, where monomer A is



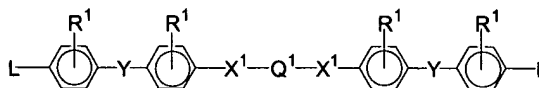
(II) ;

monomer B is



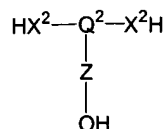
(III) ;

arylene ether monomer C is



(IV) ;

and monomer D is



(V) ;

wherein: Q<sup>1</sup> comprises at least one aryl or heteroaryl group; Q<sup>2</sup> comprises at least one aryl or heteroaryl group; X<sup>1</sup> is O bonded directly to an aryl carbon of Q<sup>1</sup>; X<sup>2</sup> is O bonded directly to an aryl carbon of Q<sup>2</sup>; Z is a linker comprising at least one  $\text{---}(\text{C}(\text{R}^2)_2)\text{---}$  group; Y is a single bond or linker group (e.g., comprising up to about 50 carbons); R<sup>1</sup> is independently at each occurrence H, a halogen, an alkyl group, a heteroalkyl group, an aryl group, or a heteroaryl group; R<sup>2</sup> is independently at each occurrence H, an alkyl group, or a heteroalkyl group; and R<sup>3</sup> is H or a crosslinkable group.

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